

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

LOCATION.--Lat 36°08'47", long 115°03'07" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.4, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on south side of golf cart bridge, 1,200 ft south at Sahara Avenue and 0.5 mi east of Nellis Boulevard.

DRAINAGE AREA.--1,146 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Mar 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.01 in increment. Elevation of gage is 1,715 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to Oct 14, 1994, at site 1,200 ft upstream at same datum.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,100 ft³/s, Jul 8, 1999, gage height, 13.69 ft; no flow many days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,440 ft³/s, Dec 29, gage height, 13.42 ft; minimum daily discharge, 1.8 ft³/s, Apr 18, 19.

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.2	e2.7	e6.0	11	9.7	10	6.2	3.0	4.0	4.0	7.6	4.7
2	3.2	e2.3	e6.0	12	8.3	10	6.6	3.3	3.7	4.5	7.1	4.4
3	3.2	e2.8	e6.0	645	8.3	10	6.1	3.5	4.7	4.4	7.4	4.5
4	3.2	e2.8	e6.0	683	8.3	20	5.8	3.6	3.9	4.2	7.2	4.5
5	3.2	e2.8	e6.0	63	8.3	60	6.7	3.0	3.5	4.3	7.8	3.9
6	3.1	e2.8	e6.0	20	8.3	12	6.1	2.8	3.2	4.4	8.0	3.6
7	3.2	e332	e6.0	380	8.1	11	5.4	3.1	2.9	4.6	7.5	3.3
8	3.1	e328	e6.0	58	8.1	11	3.3	4.0	3.1	5.0	6.9	3.3
9	3.1	15	e6.0	92	3.3	11	7.4	4.9	2.7	5.6	23	2.9
10	3.2	5.3	e6.0	127	e3.4	10	7.5	4.2	2.9	5.7	8.0	2.6
11	3.6	5.3	e5.5	223	e400	9.9	6.0	3.5	2.8	5.7	7.3	2.6
12	3.2	5.3	e5.5	27	76	9.5	3.8	2.9	2.7	5.9	6.9	2.6
13	3.2	5.3	e5.0	14	6.2	9.9	3.0	3.1	2.7	6.0	6.3	2.7
14	3.0	5.3	e6.0	10	6.0	12	2.7	3.0	2.5	6.3	11	2.8
15	3.0	5.3	e6.0	9.9	6.4	10	3.0	3.3	2.4	e6.0	57	3.0
16	3.0	5.3	e6.0	9.7	6.8	13	2.5	4.1	2.5	5.9	4.5	e3.6
17	e3.0	5.3	e6.0	9.4	6.8	14	2.2	3.7	2.6	6.0	3.8	2.8
18	e2.9	5.3	e5.0	9.1	176	14	1.8	3.9	2.6	5.5	4.1	2.6
19	2.8	5.3	e6.0	9.1	75	18	1.8	3.8	2.7	e6.0	4.2	2.8
20	e126	5.3	e5.0	10	15	32	3.0	3.6	3.1	e5.8	4.3	4.9
21	e11	587	e6.0	11	561	12	2.8	3.1	3.5	7.6	4.5	7.6
22	e7.0	727	e6.0	9.0	602	18	3.6	3.0	3.5	12	5.0	2.8
23	e3.1	14	e5.0	8.9	106	111	3.3	3.4	3.4	10	5.7	2.6
24	e3.1	6.8	e6.0	8.9	14	6.6	3.1	2.7	2.9	176	5.9	2.6
25	e2.8	5.3	e6.0	8.9	12	5.8	2.1	3.0	3.0	12	5.9	2.7
26	e2.7	e2.7	e6.0	304	30	6.2	3.1	3.4	3.3	10	6.0	2.7
27	e36	e6.0	e6.0	81	10	6.3	3.5	3.0	3.3	8.5	6.0	2.7
28	e53	e6.0	554	208	10	6.3	5.4	3.0	3.5	41	6.0	2.7
29	e2.4	e6.0	2,560	315	---	5.8	3.9	3.3	3.8	34	5.7	2.8
30	e2.9	e6.0	140	21	---	7.1	3.2	3.4	3.8	13	5.4	2.7
31	e2.7	---	13	13	---	6.4	---	3.7	---	8.4	5.2	---
Total	312.1	2,116.3	3,424.0	3,410.9	2,193.3	498.8	124.9	105.3	95.2	438.3	261.2	100.0
Mean	10.1	70.5	110	110	78.3	16.1	4.16	3.40	3.17	14.1	8.43	3.33
Max	126	727	2,560	683	602	111	7.5	4.9	4.7	176	57	7.6
Min	2.4	2.3	5.0	8.9	3.3	5.8	1.8	2.7	2.4	4.0	3.8	2.6
Ac-ft	619	4,200	6,790	6,770	4,350	989	248	209	189	869	518	198

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	3.69	7.89	11.7	13.7	24.5	8.04	5.56	3.46	3.62	7.32	8.41	6.72
Max	13.0	70.5	110	110	78.3	44.0	28.9	6.16	12.9	59.0	24.2	41.9
(WY)	(1993)	(2005)	(2005)	(2005)	(2005)	(1992)	(2004)	(1989)	(1990)	(1999)	(2003)	(1997)
Min	0.73	0.18	0.02	0.00	0.77	0.94	0.85	1.33	0.74	0.74	1.01	0.96
(WY)	(1990)	(1996)	(1996)	(1991)	(1996)	(1990)	(1996)	(1990)	(1989)	(1989)	(1992)	(1992)

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1988 - 2005	
Annual total	10,019.38		13,080.3			
Annual mean	27.4		35.8		8.75	
Highest annual mean					35.8	2005
Lowest annual mean					1.44	1996
Highest daily mean	2,560	Dec 29	2,560	Dec 29	2,560	Dec 29, 2004
Lowest daily mean	0.94	Mar 23	1.8	Apr 18	0.00	Dec 21, 1990
Annual seven-day minimum	1.1	Mar 18	2.4	Apr 13	0.00	Dec 21, 1990
Maximum peak flow			7,440	Dec 29	8,100	Jul 8, 1999
Maximum peak stage			13.42	Dec 29	16.27	Jun 10, 1990
Annual runoff (ac-ft)	19,870		25,940		6,340	
10 percent exceeds	9.1		31		7.2	
50 percent exceeds	3.4		5.6		2.3	
90 percent exceeds	1.8		2.8		0.74	

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV—Continued**CLIMATOLOGICAL RECORDS**

EXTREMES FOR PERIOD OF RECORD.--Maximum daily precipitation, 1.56 in., Jun 10, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation recorded, 0.65 in., Dec 29, but may have been higher during periods of missing or unreliable record.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00
2	0.00	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00
3	0.00	---	0.00	0.65	0.00	---	---	---	---	---	---	0.00
4	0.00	---	0.00	0.20	0.00	---	---	---	---	---	---	0.00
5	0.00	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00
6	0.00	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00
7	0.00	---	0.00	0.14	0.00	---	---	---	---	---	---	0.00
8	0.00	0.02	0.00	0.00	0.00	---	---	---	---	---	---	0.00
9	0.00	0.00	0.00	0.11	0.00	---	---	---	---	---	---	0.00
10	0.00	0.00	0.00	0.08	0.00	---	---	---	---	---	---	0.00
11	0.00	0.00	0.00	0.04	---	---	---	---	---	---	---	0.00
12	0.00	0.00	0.00	0.00	---	---	---	---	---	---	---	0.00
13	0.00	0.00	0.00	0.00	---	---	---	---	---	---	---	0.00
14	0.00	0.00	0.00	0.00	---	---	---	---	---	---	0.17	0.00
15	0.00	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
16	0.00	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
17	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
18	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
19	0.00	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
20	0.02	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
21	---	---	0.00	0.00	---	---	---	---	---	---	0.00	0.00
22	---	---	0.00	0.00	---	---	---	---	---	---	0.00	0.00
23	---	---	0.00	0.00	---	---	---	---	---	---	0.00	0.00
24	---	---	0.00	0.00	---	---	---	---	---	---	0.00	0.00
25	---	---	0.00	0.00	---	---	---	---	---	---	0.00	0.00
26	---	---	0.00	0.25	---	---	---	---	---	---	0.00	0.00
27	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
28	0.01	0.00	0.39	0.18	---	---	---	---	---	---	0.00	0.00
29	0.00	0.00	0.65	0.16	---	---	---	---	---	---	0.00	0.00
30	---	0.00	0.00	0.00	---	---	---	---	---	---	0.00	0.00
31	---	---	0.00	0.00	---	---	---	---	---	---	0.00	---
Total	---	---	1.04	1.81	---	---	---	---	---	---	---	0.00